Muhammad Java

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LinkedIn: www.linkedin.com/in/muhammad-java-156717215   **Portfolio:** javapak24.github.io/portfolio-cra

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Summary: A motivated and adaptable professional that excels at frontend and backend development. This individual brings a strong foundation of engineering principles and problem-solving skills to leverage results in the tech and engineering industries.

SKILLS

Software: JavaScript, React.js, Angular, Express, Node.js, OpenAI, JSON, CLI, PostgreSQL, MongoDB, Postman, Bootstrap, TypeScript, Authentication, Twilio, GitHub, VSCode, AWS: EC2 , S3, VPC, Lambda, IAM, AWS-SDK.

Work Experience

Website Design For Black Belt Boxing Inc   **October 2024 - November 2024**

- Independent freelance work for a local boxing gym involving creating a website for their gym.
- Resourcefully created with react.js and deployed with heroku CI to allow for continuous integration/deployment

S3 Image File Upload Manager   **October 2024 - November 2024**

- Created a simple application allowing the user to upload image files from their device to an S3 Bucket
- Hosted the frontend on a separate S3 Bucket, and the backend, a rest api created with Node.js and integrated to use AWS-SDK , is hosted on a AWS EC2 instance with an instance profile configured to allow the required access to the specified S3 Bucket.
- Project aims to show a clear understanding of these AWS services and how they can be applied together.
- Used OpenAI to test endpoints, troubleshoot errors, and for next step guidance during work roadblocks.

React.js Native Chat App   **September 2024**

- Thoroughly learned and applied React.js Native framework by using it to build a chat app.
- Extensively tested features and compatibility with iOS and Android by using Expo Go for iOS testing and XCodes emulation software for Android testing.
- Integrated React hooks to simplify state management and streamline code readability and reusability.
- Integrated Firestore Cloud services to store sent messages and time-stamp.
- Features include integrating the devices geo-location, device microphone/speaker, as well as images/videos, to the chat app to allow sending and receiving of location, voice notes, and images/videos.

Energy Consultant: Ecoloop   **May 2023 - December 2023**

- Independant door to door consultant for energy reduction company aiming to ethically reduce energy costs of homeowners
- Responsibly managed multiple projects and their respective needs and deadlines (site roofs, inspections, solar panel design for their roofs, electric usage and costs, etc).
- Efficiently planned daily route using a combination of project sunroof and willow to target neighborhoods with occupants that are homeowners instead of renters, with high sunlight exposure roofs.

CAD Technician: Pike Engineering   **June 2022 - July 2022**

- Successfully created CAD Drawings and bill of materials using AutoCad and MS Office for internet/telecommunications infrastructure, for towns across Massachusetts, Connecticut, and West Virginia, from notes and constraints provided from field engineers.
- Diligently managed teams and each project assigned and ensured delivery by their respective deadlines.
- Reported directly to the project manager.

EDUCATION/CERTIFICATIONS

CareerFoundry Full Stack Web Development Bootcamp   **October 2024**

University of Massachusetts Amherst

B.S. in Mechanical Engineering   **May 2021**